

PROFILE

Name	Dr Shalini A Tandon				
Designation	Principal Scientist				
Qualification	Sr	Degree	University/ Institute	Year	Remarks
	1.	B.Sc. (Botany)	Delhi University	1993	University Rank Holder
	2.	M.Sc. (Environmental Sciences)	IARI, New Delhi, (Indian Agricultural Research Institute)	1995	IARI Merit Gold Medal (OGPA 3.97/4.00)
	3.	Ph.D. (Environmental Sciences)	IARI, New Delhi, (Indian Agricultural Research Institute)	1999	(OGPA 4.00/4.00)
	<p>Thesis</p> <p>1. Biodetoxification of soil and water ecosystems polluted with alpha and beta isomers of Endosulphan and Endosulphan sulphate (Ph.D. Thesis).</p> <p>2. Studies on methane emission as influenced by different rice cultivars (M.Sc. Thesis).</p>				
Experience (in years)	Sr.	Grade / Post	From	To	Lab./Instt.
	1.	Research Associate	1999	2002	Division of EVS, IARI, New Delhi
	2.	Scientist Pool-CSIR	2003	2006	CIFE, Mumbai
	3.	Junior Scientist	2007	2010	CSIR-NEERI
	4.	Scientist	2010	2016	CSIR-NEERI
	5.	Senior Scientist	2016	2023	CSIR-NEERI
	6.	Principal Scientist	2023	Continuing	CSIR-NEERI
Expertise (for e.g.: Water, Waste, Energy, Business Development etc.)	Water and waste water (Monitoring and remediation (Bioremediation and Phytoremediation))				

Publications (in Nos.)	<p>45 Research Papers in Peer reviewed International and National Journals</p> <p>(Areas : Methane emission, Nitrous oxide emission, Biodegradation of Pesticides, Phytoremediation, Bioremediation (pesticides, heavy metals) Public Health (water borne diseases & Antibiotic Resistant Bacteria / multi drug resistant bacteria), nanocomposites.</p> <p>23 Publications in conferences and workshop presentations</p>
Patents	<p>Know How : Bioculture CSIR-NEERI</p>
Honors & Awards (If any)	<p><i>Academic awards/honours.</i></p> <ol style="list-style-type: none"> 1. Merit Scholarship of University of Delhi, India for standing First in the University. 2. Recipient of IARI Merit Gold Medal for outstanding academic performance in post graduate work. 3. Awarded Junior Research Fellowship of the Indian Council of Agricultural Research (ICAR) on the basis of competitive examination held countrywide for pursuing Master's programme in Environmental Sciences. 4. Awarded University Grants Commission Fellowship (UGC) for Doctoral work in Environmental Sciences (1996) 5. Pradeep Memorial Award for outstanding work in Environmental Sciences and recipient of the Environmental Protection Award 2003 in the area of environmental education and awareness. 6. Young Scientists Award (2005) of the National Academy of Agricultural Sciences in the area of Soil, Water & Environment. Projects
Research Scholars (in Nos.)	<p><u>Phd. Awarded : 01</u> <u>MSc Dissertation : 15</u></p> <p>Conducted Training programmes and organised Scientist-Student Interaction sessions in various schools of Mumbai Under the JIGYASA mission (Public, Government, Charitable and Orphanage Schools)</p>